

1. An organic azide compound having the formula:



wherein Ar is an aromatic or a heteroaromatic radical derived from the group consisting of benzenes, polyfluorobenzenes, naphthalenes, naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes, naphthacenediones, pyridines, quinolines, isoquinolines, indoles, isoindoles, pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles, benzofurans, dibenzofurans, carbazoles, acridines, acridones, phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes, xanthenes, xanthones, flavones, coumarins, and anthacylines;

E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, steroid receptor binding molecules, and carbohydrate receptor binding molecules;

L is selected from the group consisting of $-(CH_2)_a-$, $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-OCONH-$, $-OCO_2-$, $-HNCONH-$, $-HNCSNH-$, $-HNNHCO-$, $-OSO_2-$, $-NR^3(CH_2)_eCONR^4-$, $-CONR^5(CH_2)_fNR^6CO-$, and $-NR^7CO(CH_2)_gCONR^8-$;

X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-HNCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$;

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R^1 to R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, -OH, C1-C10 polyhydroxyalkyl, C1-C10 alkoxyl, C1-C10 alkoxyalkyl, $-\text{SO}_3\text{H}$, $-(\text{CH}_2)_k\text{CO}_2\text{H}$, and $-(\text{CH}_2)_l\text{NR}^9\text{R}^{10}$;

25 R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10 polyhydroxyalkyl; and

subscripts a to l independently range from 0 to 10.

2. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from polyfluorobenzenes; E is selected from the group consisting of somatostatin receptor binding molecules, ST

5 bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(\text{CH}_2)_b\text{CONR}^1-$, $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$, $-\text{OCO}(\text{CH}_2)_d-$, $-(\text{CH}_2)_e\text{CO}_2-$, $-\text{HNCONH}-$, $-\text{HNCSNH}-$, and $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$; X is either a single bond or is selected from the group consisting of $-(\text{CH}_2)_h-$, $-\text{OCO}-$, $-(\text{CH}_2)_i\text{CO}-$, and $-(\text{CH}_2)_j\text{OCO}-$.

10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(\text{CH}_2)_k\text{CO}_2\text{H}$, and $-(\text{CH}_2)_l\text{NR}^9\text{R}^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

3. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from anthraquinones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of -
5 $(\text{CH}_2)_b\text{CONR}^1-$, $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$, $-\text{OCO}(\text{CH}_2)_d-$, $-(\text{CH}_2)_e\text{CO}_2-$, $-\text{HNCONH}-$, $-\text{HNCSNH}-$, and $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$; X is either a single bond or is selected from the group consisting of $-(\text{CH}_2)_h-$, $-\text{OCO}-$, $-(\text{CH}_2)_i\text{CO}-$, and $-(\text{CH}_2)_j\text{OCO}-$,
10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(\text{CH}_2)_k\text{CO}_2\text{H}$, and $-(\text{CH}_2)_l\text{NR}^9\text{R}^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

4. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from naphthacenediones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules,
5 bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(\text{CH}_2)_b\text{CONR}^1-$, $-\text{N}(\text{R}^2)\text{CO}(\text{CH}_2)_c-$, $-\text{OCO}(\text{CH}_2)_d-$, $-(\text{CH}_2)_e\text{CO}_2-$, $-\text{HNCONH}-$, $-\text{HNCSNH}-$, and $-\text{NR}^7\text{CO}(\text{CH}_2)_g\text{CONR}^8-$; X is either a single bond or is selected

from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$,
10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and -
 $(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and
subscripts b-e and g-j independently range from 0 to 6.

5. The compound of claim 1 wherein Ar is an aromatic or
heteroaromatic radical derived from indoles; E is selected from the group
consisting of somatostatin receptor binding molecules, ST receptor binding
molecules, neurotensin receptor binding molecules, bombesin receptor
5 binding molecules, CCK receptor binding molecules, and steroid receptor
binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$,
 $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and -
 $NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group
consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$, R^1 , R^2 , R^7 and
10 R^8 are independently selected from the group consisting of hydrogen, C1-
C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9
and R^{10} are independently selected from the group consisting of hydrogen,
C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j
independently range from 0 to 6.

6. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from acridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

7. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from acridones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group

consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$, R^1 , R^2 , R^7 and
10 R^8 are independently selected from the group consisting of hydrogen, C1-
C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9
and R^{10} are independently selected from the group consisting of hydrogen,
C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j
independently range from 0 to 6.

8. The compound of claim 1 wherein Ar is an aromatic or
heteroaromatic radical derived from phenanthridines; E is selected from the
group consisting of somatostatin receptor binding molecules, ST receptor
binding molecules, neurotensin receptor binding molecules, bombesin
5 receptor binding molecules, CCK receptor binding molecules, and steroid
receptor binding molecules; L is selected from the group consisting of -
 $(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, -
 $HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected
from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$,
10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and -
 $(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and
subscripts b-e and g-j independently range from 0 to 6.

9. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from xanthenes; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

10. The compound of claim 1 wherein Ar is an aromatic or heteroaromatic radical derived from anthracyclines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected

from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$.

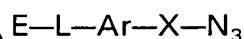
- 10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

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11. A method of performing a phototherapeutic procedure which comprises:

(a) administering an effective amount of an organic azide photosensitizer having the formula



wherein Ar is an aromatic or a heteroaromatic radical derived from the group consisting of benzenes, polyfluorobenzenes, naphthalenes, naphthoquinones, anthracenes, anthraquinones, phenanthrenes, tetracenes, naphthacenediones, pyridines, quinolines, isoquinolines, indoles, isoindoles, pyrroles, imidazoles, pyrazoles, pyrazines, purines, benzimidazoles, benzofurans, dibenzofurans, carbazoles, acridines, acridones, phenanthridines, thiophenes, benzothiophenes, dibenzothiophenes, xanthenes, xanthones, flavones, coumarins, and anthacylines; E is a hydrogen atom or is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, steroid receptor binding molecules, and carbohydrate receptor binding molecules; L is selected from the group consisting of $-(CH_2)_a-$, $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-OCONH-$, $-OCO_2-$, $-HNCONH-$, $-HNCSNH-$, $-HNNHCO-$, $-OSO_2-$, $-NR^3(CH_2)_eCONR^4-$, $-CONR^5(CH_2)_fNR^6CO-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is

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either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-$
OCO-, $-HNCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R^1 to R^8 are independently
25 selected from the group consisting of hydrogen, C1-C10 alkyl, $-OH$, C1-C10
polyhydroxyalkyl, C1-C10 alkoxyl, C1-C10 alkoxyalkyl, $-SO_3H$, $-(CH_2)_kCO_2H$,
and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group
consisting of hydrogen, C1-C10 alkyl, C5-C10 aryl, and C1-C10
polyhydroxyalkyl; and subscripts a to l independently range from 0 to 10;
30 (b) allowing said photosensitizer to accumulate in target tissue;
and
(c) exposing said target tissues with the light of wavelength
between 300 and 950 nm with sufficient power and fluence rate to perform
the phototherapeutic procedure.

12. The method of claim 11, wherein Ar is an aromatic or
heteroaromatic radical derived from polyfluorobenzenes; E is selected from
the group consisting of somatostatin receptor binding molecules, ST
receptor binding molecules, neurotensin receptor binding molecules,
5 bombesin receptor binding molecules, CCK receptor binding molecules, and
steroid receptor binding molecules; L is selected from the group consisting
of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-$
HNCSNH-, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected
from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$,
10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of

hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

13. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from anthraquinones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$.
- 10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

14. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from naphthacenediones; E is selected from the group consisting of somatostatin receptor binding molecules, ST

receptor binding molecules, neurotensin receptor binding molecules,
5 bombesin receptor binding molecules, CCK receptor binding molecules, and
steroid receptor binding molecules; L is selected from the group consisting
of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-$
 $HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected
from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$,
10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-$
 $(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and
subscripts b-e and g-j independently range from 0 to 6.

15. The method of claim 11, wherein Ar is an aromatic or
heteroaromatic radical derived from indoles; E is selected from the group
consisting of somatostatin receptor binding molecules, ST receptor binding
molecules, neurotensin receptor binding molecules, bombesin receptor
5 binding molecules, CCK receptor binding molecules, and steroid receptor
binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$,
 $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-$
 $NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group
consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$, R^1 , R^2 , R^7 and
10 R^8 are independently selected from the group consisting of hydrogen, C1-
C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9

and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

16. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from acridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

17. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from acridones; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor

- 5 binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$, R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.
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18. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from phenanthridines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin
- 5 receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$,
- 10 R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group

consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

19. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from xanthenes; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid receptor binding molecules; L is selected from the group consisting of $-(CH_2)_bCONR^1-$, $-N(R^2)CO(CH_2)_c-$, $-OCO(CH_2)_d-$, $-(CH_2)_eCO_2-$, $-HNCONH-$, $-HNCSNH-$, and $-NR^7CO(CH_2)_gCONR^8-$; X is either a single bond or is selected from the group consisting of $-(CH_2)_h-$, $-OCO-$, $-(CH_2)_iCO-$, and $-(CH_2)_jOCO-$; R^1 , R^2 , R^7 and R^8 are independently selected from the group consisting of hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, $-(CH_2)_kCO_2H$, and $-(CH_2)_lNR^9R^{10}$; R^9 and R^{10} are independently selected from the group consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and subscripts b-e and g-j independently range from 0 to 6.

20. The method of claim 11, wherein Ar is an aromatic or heteroaromatic radical derived from anthracyclines; E is selected from the group consisting of somatostatin receptor binding molecules, ST receptor binding molecules, neurotensin receptor binding molecules, bombesin receptor binding molecules, CCK receptor binding molecules, and steroid

- receptor binding molecules; L is selected from the group consisting of -
(CH₂)_bCONR¹-, -N(R²)CO(CH₂)_c-, -OCO(CH₂)_d-, -(CH₂)_eCO₂-, -HNCONH-, -
HNCSNH-, and -NR⁷CO(CH₂)_gCONR⁸-; X is either a single bond or is selected
10 from the group consisting of -(CH₂)_h-, -OCO-, -(CH₂)_iCO-, and -(CH₂)_jOCO-.,
R¹, R², R⁷ and R⁸ are independently selected from the group consisting of
hydrogen, C1-C10 alkyl, C1-C10 polyhydroxyalkyl, -(CH₂)_kCO₂H, and -
(CH₂)_lNR⁹R¹⁰; R⁹ and R¹⁰ are independently selected from the group
consisting of hydrogen, C1-C10 alkyl, and C1-C10 polyhydroxyalkyl; and
15 subscripts b-e and g-j independently range from 0 to 6.

add a⁵